

CORE LABORATORIES, INC.

ANALYTICAL REPORT

13-SEPT-83

STEFFEN, ROBERTSON AND KIRSTEN
OVERBURDEN ANALYSIS

RESULTS OF WATER QUALITY ANALYSIS
ON SAMPLES COLLECTED AT LOCATION:

JOB NO. 6307-	W83364 - 1
SAMPLE ID:	YELLOW CAT
SAMPLE REMARKS:	DRUM SAMPLE

GENERAL PARAMETERS

% MOISTURE	5.01
% Saturation	26.2
Soluble Sodium, meq/l	176.3
Soluble Calcium, meq/l	39.6
Soluble Magnesium, meq/l	5.6
Particles less than 100 Microns, %	25.90

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DATE/TIME SAMPLED	
DATE/TIME RECEIVED	08-25-83/1000
DATE/TIME ANALYZED	08-25-83/1300
CHEMIST: RIF/DRH	
LOCATION: AURORA, CO	

LAB pH (@ 25 deg. C)	8.2
LAB COND. (as mmhos/cm @ 25C)	20.0

--ALL VALUES REPORTED ON A TOTAL BASIS (mg/Kg) UNLESS INDICATED OTHERWISE

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GENERAL PARAMETERS--TOTAL BASIS

SODIUM ABSORPTION RATIO (SAR)	37.1
CYANIDE, TOTAL (CN)	<0.05

TOTAL METALS

ARSENIC (As)	0.27
CADMIUM (Cd)	0.06
COPPER (Cu)	5.14
IRON (Fe)	500
MOLYBDENUM (Mo)	1.0
NICKEL (Ni)	2.80
SELENIUM (Se)	0.11
ZINC (Zn)	0.36